



Express Mail No. EV729040637US

Attorney Docket No. 337348046US

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete If Known			
		Application Number	10/606,202-Conf. #4373		
		Filing Date	June 24, 2003		
		First Named Inventor	Andrew D. Firlik		
		Art Unit	3762		
		Examiner Name	R. D. Bradford		
Sheet	1	of	3	Attorney Docket Number	337348046US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
R.B.		US-4,474,186	10-02-1984	Ledley et al.	
		US-5,121,754	06-16-1992	Mullett	
		US-5,299,569	04-05-1994	Wernicke et al.	
		US-5,314,458	05-24-1994	Najafi et al.	
		US-5,406,957	04-18-1995	Tansey	
		US-5,522,864	06-04-1996	Wallace et al.	
		US-5,674,251	10-07-1997	Combs et al.	
		US-5,772,591	06-30-1998	Cram	
		US-6,035,236	03-07-2000	Jarding et al.	
		US-6,205,360	03-20-2001	Carter et al.	
		US-6,221,908	04-24-2001	Kilgard et al.	
		US-6,339,725	01-15-2002	Naritoku et al.	
		US-6,473,568	03-07-2002	Kashiyama	
		US-6,375,666	04-23-2002	Mische	
		US-6,405,079	06-11-2002	Ansarinia	
		US-6,418,344	07-09-2002	Rezai et al.	
		US-6,487,450	11-26-2002	Chen	
		US-6,499,488	12-31-2002	Hunter et al.	
		US-6,505,075	01-07-2003	Weiner	
		US-6,507,755	01-14-2003	Gozani et al.	
		US-2003/0125772	07-03-2003	Olson et al.	
		US-2003/0149457-A1	08-07-2003	Tcheng et al.	
		US-2003/0176901	09-18-2003	May	
		US-2003/0187491	10-02-2003	Greenberg et al.	
		US-6,665,562-A1	12-16-2003	Gluckman et al.	
		US-6,725,094-B2	04-20-2004	Saberski	
		US-2004/0138550-A1	07-15-2004	Hartlep et al.	
		US-6,764,498-B2	07-20-2004	Mische	
		US-2004/0158298	08-12-2004	Gliner et al.	
		US-6,782,292-A1	08-24-2004	Whitehurst	
		US-6,795,737-A1	09-21-2004	Gielen et al.	
R.B.		US-6,810,286-B2	10-26-2004	Donovan et al.	
Examiner Signature	R. Bradford			Date Considered	10/28/05

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete If Known		
			Application Number	10/606,202-Conf. #4373	
			Filing Date	June 24, 2003	
			First Named Inventor	Andrew D. Firlik	
			Art Unit	3762	
			Examiner Name	R. D. Bradford	
Sheet	2	of	3	Attorney Docket Number	337348046US

R.B.	US-2004/0236388	11-25-2004	Gielen et al.	
	US-2005/0004620-A1	01-06-2005	Singhal et al.	
	US-2005/0015129	01-20-2005	Mische	
	US-2005/0021107-A1	01-27-2005	Firlik et al.	
	US-6,873,872	03-29-2005	Gluckman et al.	
	US-2005/0096701	05-05-2005	Donovan et al.	
	US-2005/0113882	05-26-2005	Cameron et al.	
R.B.	US-2005/0119712	06-02-2005	Shafer	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
R.B.		HUMMEL, Friedhelm et al., "Effects of non-invasive cortical stimulation on skilld motor function in chronic stroke," Brain Advance Access, January 5, 2005, pp 1-10, Brain	
		NITSCHKE, Michael A. et al., "Level of action of cathodal DC polarisation induced inhibition of the human motor cortex," December 2, 2002, Clinical Neurophysiology 114 (2003) 600-604	
		NITSCHKE, Michael A., et al. "Facilitation of Implicit Motor Learning by Weak Transcranial Direct Current Stimulation of the Primary Motor Cortex in the Human," Journal of Cognitive Neuroscience 15:4, pp 619-626, 2003 Massachusetts Institute of Technology	
R.B.		LANG, Nicolas et al., "Preconditioning with Transcranial Direct Current Stimulation Sensitizes the Motor Cortex to Rapid-Rate Transcranial Magnetic Stimulation and Controls and Direction of After-Effects," Biol Psychiatry 2004:56:634-639, 2004 Society of Biological Psychiatry	

Examiner Signature	R. Bradford	Date Considered	10/28/05
--------------------	-------------	-----------------	----------

Express Mail No. EV729040637US

Attorney Docket No. 337348046US

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/606,202-Conf. #4373	
			Filing Date	June 24, 2003	
			First Named Inventor	Andrew D. Firlik	
			Art Unit	3762	
			Examiner Name	R. D. Bradford	
Sheet	3	of	3	Attorney Docket Number	337348046US

l.f.	PAULUS, W, "Supplements to Clinical Neurophysiology," Transcranial Magnetic Stimulation and Transcranial Direct Current Stimulation (Supplements to Clinical Neurophysiology; Vol 56), pp 249-254, 2003 Elsevier Science, B.V	
	KILGARD, Michael et al., "Cortical Map Reorganization Enabled by Nucleus Basalis Activity," Science, Vol. 279 pp 1714-1717 (March 13, 1998)	
	LAZAR, M. et al., "White Matter Tractography Using Diffusion Tensor Deflection," Human Brain Mapping, 18:306-321, (2003)	
	STRENS, Lucy et al., "The ipsilateral Human Motor Cortex Can Functionally Compensate for Acute Contralateral Motor Cortex Dysfunction," Current Biology, Vol. 13, pp 1201-1205 (July 15, 2003)	
	DI LAZZARO, V. et al., "Theta-burst repetitive transcranial magnetic stimulation suppresses specific excitatory circuits in the human motor cortex," Physiology in Press; published online on April 21, 2005 as 10.1113/jphysio.2005.087288	
	TSUBOKAWA, T., "Chronic Motor Cortex Stimulation in Patients with Thalamic Pain," J. Neurosurg 78:393-401, (March 1993)	
	TUCH, D. et al., "Conductivity Tensor Mapping of the Human Brain Using Diffusion Tensor MRI," Neurobiology, Vol. 98 No. 20, pp. 11697-11701 (September 25, 2001)	
l.f.	BEHRENS, T. et al., "Non-invasive mapping of connections between human thalamus and cortex using diffusion imaging," Nature Neuroscience, Vol. 6 No. 7, pp. 750-757 (July 2003)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>R. D. Bradford</i>	Date Considered	10/28/05
--------------------	-----------------------	-----------------	----------